

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

8221

First Named Inventor

Thomson

COMPLETE IF KNOWN

Application Number

10/798,039

Filing Date

March 11, 2004

Art Unit

1742

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HIGH STRENGTH STEEL PRODUCT WITH IMPROVED FORMABILITY AND STEEL
MANUFACTURING PROCESS***(Title of the Invention)*

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

03/11/2004

as United States Application Number or PCT International

Application Number

10/798,039

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
2,460,399	CA	03/10/2004	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

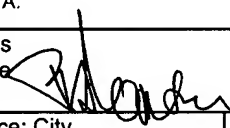
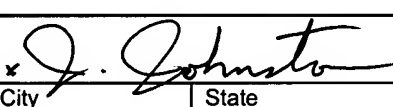
[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/> Customer Number: <input type="text"/>				OR <input checked="" type="checkbox"/> Correspondence address below	
Name KENNETH L. MITCHELL (WOODLING, KROST AND RUST)					
Address 9213 CHILLICOTHE ROAD					
City KIRTLAND		State OHIO		ZIP 44094	
Country UNITED STATES OF AMERICA		Telephone 440-256-4150		Fax 440-256-7453	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) BARTON A.				Family Name or Surname THOMSON	
Inventor's Signature 				Date 2/04/08/12	
Residence: City SAULT STE. MARIE		State ONTARIO		Country CANADA	
Citizenship CANADIAN					
Mailing Address 30-571 NORTH STREET					
City SAULT STE. MARIE		State ONTARIO		ZIP P6B 6K7	
Country CANADA					
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) JAMES W.				Family Name or Surname JOHNSTON	
Inventor's Signature 				Date x August 12, 2004	
Residence: City SAULT STE. MARIE		State ONTARIO		Country CANADA	
Citizenship CANADIAN					
Mailing Address 189 PENTAGON BLVD.					
City SAULT STE. MARIE		State ONTARIO		ZIP P6B 5J2	
Country CANADIAN					
<input type="checkbox"/> Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Title: HIGH STRENGTH STEEL PRODUCT WITH IMPROVED FORMABILITY
AND STEEL MANUFACTURING PROCESS**

Filed: MARCH 11, 2004

Serial No.: 10/798,039

**Assignee: Algoma Steel Inc., 105 West Street, Sault Ste. Marie, Ontario P6A 7B4,
Canada**

Inventors: Barton A. Thomson and James W. Johnston

**Woodling, Krost and Rust
9213 Chillicothe Rd.
Kirtland, OH 44094
440-256-4150**

July 22, 2004

**COMMISSIONER OF PATENTS
AND TRADEMARKS
Washington, D. C. 20231**

DESIGNATION OF DOMESTIC REPRESENTATIVE

**I, Paul C. Finley, an Officer of Algoma Steel Inc., 105 West Street, Sault Ste.
Marie, Ontario P6A 7B4, Canada, do hereby state that: Algoma Steel Inc. is the owner by
assignment of a patent application entitled HIGH STRENGTH STEEL PRODUCT
WITH IMPROVED FORMABILITY AND STEEL MANUFACTURING PROCESS**

which was filed in United States Patent and Trademark Office; that I am authorized to make this designation as I am an officer of Algoma Steel Inc.; that Algoma Steel Inc. is authorized to prosecute said patent application as set forth in the accompanying Certificate under § 3.73(b) and, that, I hereby designate the following as Domestic Representative:

Kenneth L. Mitchell, Reg. No. 36,873
Charles R. Rust, Reg. No. 18,716
Woodling, Krost & Rust
9213 Chillicothe Rd.
Kirtland, OH 44094
(440) 246-4150 phone
(440) 256-7453 fax

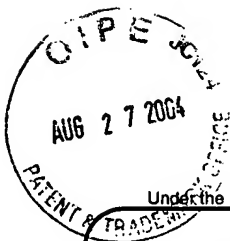
Respectfully submitted,

x Aug. 12, 2004
Date

x PC Finley Signature

Paul C. Finley Print Name

(An officer)
Algoma Steel Inc.
105 West Street
Sault Ste. Marie
Ontario P6A 7B4
Canada



PTO/SB/81 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/798,039
Filing Date	MARCH 11, 2004
First Named Inventor	THOMSON
Title	HIGH STRENGTH STEEL PRODUCT
Art Unit	1742
Examiner Name	
Attorney Docket Number	8221

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below:

Name	Registration Number
KENNETH L. MITCHELL	36873
CHARLES R. RUST	18716

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☒ Firm or Individual Name KENNETH L. MITCHELL (WOODLING, KROST AND RUST)

Address 9213 CHILLICOTHE ROAD

Address

City

KIRTLAND

State

OHIO

Zip

44094

Country

UNITED STATES OF AMERICA

Telephone

440-256-4150

Fax

440-256-7453

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name Paul C. Finley - Vice President and Corporate Secretary, Algoma Steel Inc.

Signature x *PC Finley*

Date

x Aug 12/04

Telephone

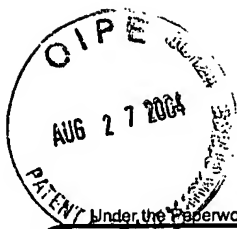
705-945-2788

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/81 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/798,039
Filing Date	MARCH 11, 2004
First Named Inventor	THOMSON
Title	HIGH STRENGTH STEEL PRODUCT
Art Unit	1742
Examiner Name	
Attorney Docket Number	8221

I hereby appoint:



Practitioners associated with the Customer Number:

OR



Practitioner(s) named below:

Name	Registration Number
KENNETH L. MITCHELL	36873
CHARLES R. RUST	18716

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:



The address associated with the above-mentioned Customer Number:

OR



The address associated with Customer Number:

OR

Firm or
Individual Name

KENNETH L. MITCHELL (WOODLING, KROST AND RUST)

Address

9213 CHILLICOTHE ROAD

Address

City

KIRTLAND

State

OHIO

Zip

44094

Country

UNITED STATES OF AMERICA

Telephone

440-256-4150

Fax

440-256-7453

I am the:



Applicant/Inventor.



Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name	BARTON A. THOMSON		
Signature	x [Signature]		
Date	x 204 0812	Telephone	709 945 3341

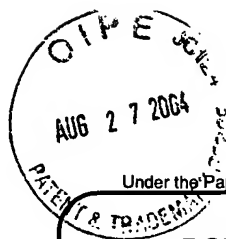
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.



*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/81 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/798,039
Filing Date	MARCH 11, 2004
First Named Inventor	THOMSON
Title	HIGH STRENGTH STEEL PRODUCT
Art Unit	1742
Examiner Name	
Attorney Docket Number	8221

I hereby appoint:

☐

Practitioners associated with the Customer Number:

OR

☒

Practitioner(s) named below:

Name	Registration Number
KENNETH L. MITCHELL	36873
CHARLES R. RUST	18716

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐

The address associated with the above-mentioned Customer Number:

OR

☐

The address associated with Customer Number:

OR

☒Firm or
Individual Name

KENNETH L. MITCHELL (WOODLING, KROST AND RUST)

Address

9213 CHILLICOTHE ROAD

Address

City

KIRTLAND

State

OHIO

Zip

44094

Country

UNITED STATES OF AMERICA

Telephone

440-256-4150

Fax

440-256-7453

I am the:

☒

Applicant/Inventor.

☐

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name	JAMES W. JOHNSTON		
Signature	<i>J. Johnston</i>		
Date	<i>August 12, 2004</i>	Telephone	<i>(705) 945-4785</i>

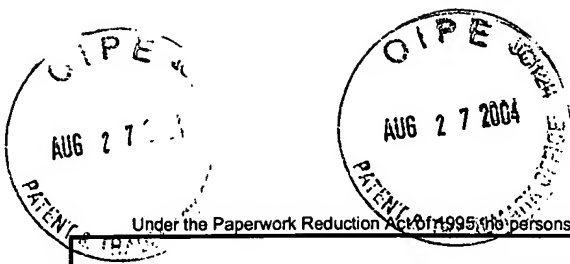
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐

*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/96 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ALGOMA STEEL INC.Application No./Patent No.: 10/798,039 Filed/Issue Date: MARCH 11, 2004Entitled: HIGH STRENGTH STEEL PRODUCT WITH IMPROVED FORMABILITY AND STEEL MANUFACTURING PROCESSALGOMA STEEL INC., a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [✓] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

James W. Johnston1. From: BARTON A. THOMSON AND ✓ To: ALGOMA STEEL INC.The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[✓] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

x Aug 12, 2004
Date705-945-2788

Telephone number

Paul C. Finley

Typed or printed name

x PC FinleySignature
Vice President and
Corporate Secretary
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

NAMES AND
ADDRESSES
OF INVENTOR(S)

Inventors: Barton A. Thomson
30-571 North Street
Sault Ste. Marie
Ontario P6B 6K7
Canada

And

James W. Johnston
189 Pentagon Blvd.
Sault Ste. Marie
Ontario P6B 5J2
Canada

(hereinafter referred to as ASSIGNOR(S)), invented and own a certain invention entitled:

TITLE OF INVENTION: HIGH STRENGTH STEEL PRODUCT WITH
IMPROVED FORMABILITY AND STEEL MANUFACTURING
PROCESS

for which application for Letters Patent of the United States have been filed on March
11, 2004, United States Patent Application Serial No. 10/798,039,

and

NAME AND ADDRESS
OF ASSIGNEE(S)

Assignee : Algoma Steel Inc.
105 West Street
Sault Ste. Marie
Ontario P6A 7B4
Canada

(Organized Under The Laws of Canada)

(hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE(S) to ASSIGNOR(S) of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR(S) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE the full and exclusive worldwide right, title and interest to said invention and all Letters Patent of the United States and/or any foreign nation to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR(S) covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof, with ASSIGNOR(S) reasonably compensated therefor.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand and seal
this 12 day of August, 2004.

FULL NAMES
OF INVENTORS



Name: Barton A. Thomson

Citizen of Canada



Name: James W. Johnston

Citizen of Canada

Correspondence Address:

KLM:ec
H:\Public\RJoachim\Patents\39108\39108-0058_Assign.doc

Kenneth L. Mitchell, 36873
Charles R. Rust, 18716
Woodling, Krost and Rust
Kirtland Office Complex
9213 Chillicothe Road
Kirtland, Ohio 44094
(440) 256-4150 Phone
(440) 256-7453 Fax
clevepat@aol.com E-mail